



SERIES 632



Example Part Number **632 - 015 - 266 - 0 3 3**

Series _____
 Total Number of Contacts _____
 Contact/Plating Code _____
 Material Code _____
 Grounding Feature _____
 Mounting Option _____

Series
 632 Receptacle

Total Contacts
 015

Contact/Plating Code
 266 Gold Flash (Class 3)
 366 15u" (0.38um) (Class 2)
 566 10u" (0.25um) (Class 2)
 666 30u" (0.76um) (Class 1)

Material Code
 0 Indicates generic internal use code

Grounding Feature
 3 Two-prong boardlocks for .120" (3.05) dia. hole

Mounting Option
 2 #4-40 UNC threaded insert
 3 #4-40 UNC threaded standoff w/ threaded insert

FEATURES

High-density three contact rows with .125" (3.175mm) footprint right angle bend

.090" (2.29mm) contact spacing x .079" (1.905mm) row spacing

Receptacle in 15-pin contact size

Socket contact mating design with PC tail termination

Metal shell provides EMI/RFI shielding, Plug Shell indents provide grounding and additional mating retention

Grounding features include two-prong boardlock for exceptional retention to PC board

Mounting options for panel mount or connector mating include threaded inserts and threaded standoffs

D-shaped connector mating outline provides polarization
 Design based on requirements of MIL-C-24308,
 EIA RS-232 and RS-449

SPECIFICATIONS

Insulator Material: Thermoplastic polyester UL 94V-0; chemical resistant; colour - black

Contact Material: receptacle contacts - phosphor bronze

Contact Plating: Gold (see Ordering Code) over nickel for the mating area; tin plating on contact tails

Shell Material: Nickel plated steel

Current Rating: 5 amperes

Contact Resistance: 10 milliohms maximum

Dielectric Withstanding Voltage: 1000 V AC rms @ sea level

Insulation Resistance: 5000 megohm minimum

Operating Temperature: -55 to + 105 degrees C

Engagement and Separation Force: 1 to 10 oz (0.28 to to 2.78 N) per contact position

